International application No.

PCT/JP2004/013887

According to Ir	nternational Patent Classification (IPC) or to both nation	nal classification and IPC	
	EARCHED		
Minimum docu	mentation searched (classification system followed by 6.7 A61K7, C11D	classification symbols)	
·····	searched other than minimum documentation to the ext		•
C. DOCUME	NTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
Y	JP 10-121091 A (Ajinomoto Co 12 May, 1998 (12.05.98), Claims; Par. No. [0026]; tabl & EP 826766 A2 & US	o., Inc.), le 3	1-30
X Y	JP 4-180999 A (Mitsubishi Pe Ltd.), 29 June, 1992 (29.06.92), Claims; page 2, upper right of 15 (Family: none)		11-12,18,21, 26-28 1-10,13-17, 19-20,22-25, 29-30
<u> </u>	cuments are listed in the continuation of Box C.	See patent family annex.	
'A" document de to be of parti 'E" earlier application filing date 'L" document work cited to estation special reason document ref	cation or patent but published on or after the international hich may throw doubts on priority claim(s) or which is blish the publication date of another citation or other in (as specified)  ferring to an oral disclosure, use, exhibition or other means blished prior to the international filing date but later than the	"X" document of particular relevance; the classifier document of particular relevance; the classifier when the document is taken alone  "Y" document of particular relevance; the classifier when the document is taken alone  "Y" document of particular relevance; the classifiered to involve an inventive stee combined with one or more other such debeing obvious to a person skilled in the alone  "&" document member of the same patent far	ion but cited to understand vention aimed invention cannot be red to involve an inventive aimed invention cannot be ep when the document is ocuments, such combination art
10 Dece	completion of the international search mber, 2004 (10.12.04)	Date of mailing of the international search 28 December, 2004 (2	<del>-</del>
	e Patent Office	Authorized officer	

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ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	JP 2-268114 A (Mitsubishi Petrochemical Co., Ltd.), Ol November, 1990 (01.11.90), Claims; page 2, upper right column, lines 5 to 11; examples (Family: none)	11-12,18,21, 26-28 1-10,13-17, 19-20,22-25, 29-30
X Y	JP 5-4952 A (Mitsubishi Petrochemical Co., Ltd.), 14 January, 1993 (14.01.93),	11-12,18,21, 26-28 1-10,13-17,
_	Claims; Par. Nos. [0001], [0008], [0018] (Family: none)	19-20,22-25,
X	JP 2000-191613 A (Asahi Chemical Industry Co., Ltd.),	11-12,18,21, 26-28
Y	11 July, 2000 (11.07.00), Claims; Par. Nos. [0001], [0008], [0014] to [0021], [0024], [0029] & WO 2000/10546 A1 & EP 1156033 A1 & US 6569829 A & KR 2001-99971 A & CN 1332721 A	1-10,13-17, 19-20,22-25, 29-30
X	JP 10-337195 A (Mitsubishi Chemical Corp.), 22 December, 1998 (22.12.98),	11-12, 18, 21,
Y	Claims; Par. Nos. [0002], [0017], [0070] (Family: none)	26-28 1-10,13-17, 19-20,22-25, 29-30
Y	JP 8-231335 A (Kose Corp.), 10 September, 1996 (10.09.96), Claims; Par. Nos. [0005], [0008] (Family: none)	1-30
Y	JP 2001-131129 A (Asahi Kasei Corp.), 15 May, 2001 (15.05.01), Claims; Par. Nos. [0001], [0014]; examples 4, 10, 16	1-30
Y	JP 6-116133 A (Kanebo, Ltd.), 26 April, 1994 (26.04.94), Claims; examples (Family: none)	1-30
Y	JP 63-2962 A (Kawaken Fine Chemicals Co., Ltd.), 07 January, 1988 (07.01.88), Claims; page 2, upper right column to lower left column; example 14 (Family: none)	1-30
Y	JP 5-70794 A (Mitsubishi Petrochemical Co., Ltd.), 23 March, 1993 (23.03.93), Claims; Par. No. [0008] (Family: none)	1-30

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Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
<pre>JP 4-321656 A (Kao Corp.), 11 November, 1992 (11.11.92), Claims; Par. No. [0003] (Family: none)</pre>	1-30
JP 55-160096 A (Kawaken Fine Chemicals Co., Ltd.), 12 December, 1980 (12.12.80), Claims; table 1, example 5; table 2, example 11 & DE 3020649 A1 & FR 2457891 A1 & US 4273684 A	1-30
	<pre>JP 4-321656 A (Kao Corp.), 11 November, 1992 (11.11.92), Claims; Par. No. [0003] (Family: none)  JP 55-160096 A (Kawaken Fine Chemicals Co., Ltd.), 12 December, 1980 (12.12.80), Claims; table 1, example 5; table 2, example 11 &amp; DE 3020649 A1 &amp; FR 2457891 A1</pre>

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Box No.	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
1.	rnational search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:  Claims Nos.:  because they relate to subject matter not required to be searched by this Authority, namely:
2.	Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No.	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
The acid appa have The subj form Docu (14.	rnational Searching Authority found multiple inventions in this international application, as follows: etechnical feature common to claims 1-30 is to incorporate an N-acylaspartic (salt) into a detergent composition. However, this point is known as rent from the fact that it is shown in document A. These claims hence no common "special technical feature." erefore, the subject matter of claims 1-10, 20, 22-25, and 29-30 and the ect matter of claims 11-19 and 29-30 or of claims 21 and 26-30 do not a single general inventive concept in the international application.  ment A: JP 5-4952 A (Mitsubishi Petrochemical Co., Ltd.) 14 January, 1993 01.93)  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark	The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

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Claims 11-12 and 21 pertain to a detergent having desired properties. However, the detergents which are disclosed in the meaning of Article 5 of the PCT are limited to ones containing the ingredient (A) which has undergone a specific treatment given in the description. The claims lack support in the meaning of Article 6 of the PCT.

Therefore, a search was made for the range which is supported by and disclosed in the description, i.e., the ingredient (A) which has undergone the specific treatment and is supported by the description.